

CLAIMS

1. A coupling member for coupling a driven body with a driving body to transmit driving force of the driving body to the driven body and cutting
5 off the power transmission when a load for driving the driven body exceeds a given value, the coupling member comprising :

a pair of sidepiece portions disposed parallel to each other ;

a pair of bent portions having free ends, basic ends joined integrally to first ends of the sidepiece portions respectively and sandwich portions
10 supporting a first pin mounted on one of the driving body and the driven body by sandwiching, wherein each sandwich portion comprising :

plural projections disposed at regular intervals one another in a circumferential direction of the first pin and contacted with the outside circumferential surface of the first pin ; and

15 plural surfaces each disposed between the adjacent projections and opposed to the outside circumferential surface of the first pin at a regular distance ; and

a curved portion having both ends joined integrally to second ends of the sidepiece portions respectively and a hole through and into which a
20 second pin mounted on one of the driving body and the driven body is passed and fitted,

wherein the first pin is sandwiched between the sandwich portions by inserting the first pin into a spacing between the sidepiece portions and then pressing the first pin toward the bent portion side to deform the bent
25 portions in a direction away from each other and

the first pin is released from the sandwich portions in a direction of the free end side of the bent portion when the load applied to the first pin exceeds a given value.

5 2. The coupling member according to the claim 1, wherein the projection is point-contacted with the outside circumferential surface of the first pin in the plan view.

10 3. The coupling member according to the claim 1, wherein the projection is line-contacted with the outside circumferential surface of the first pin in the cross-sectional view.

4. The coupling member according to the claim 1, wherein curvature of the surface is larger than that of the first pin in the plan view.

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5. The coupling member according to the claim 1, wherein the projection is formed in the round shape in the plan view.

20 6. The coupling member according to the claim 1, wherein the sidepiece portions, the bent portions and the curved portion all elastically deform when the first pin is released from the sandwich portions.

25 7. The coupling member according to the claim 1, wherein the sidepiece portions, the bent portions and the curved portion all plastically deform when the first pin is released from the sandwich portions.

8. The coupling member according to the claim 1, wherein each sandwich portion further comprises a holding surface configured to extend from the projection located on the free end side of the bent portion.

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9. The coupling member according to the claim 1, wherein the hole is communicated with the spacing.

10. The coupling member according to the claim 1, wherein the hole is
10 isolated from the spacing.